BIRCH, STEWART, KOLASCH & BIRCH, LLP

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Insert Title:

METAL CATALYST AND ITS USE

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Fill in Appropriate			hereto. If not attached here	to, the application is	identified by the a	ttorney docket	number as set			
nformation -	forth above and/or the following: The specification was filed onas									
For Use Without	United States App	United States Application Number								
Specification	and amended on _		_ (if applicable) and/or						
Attached:	the specification w		as PCT							
	International Application Number PCT/IP2004/005312					and was				
	amended on		•							
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.									
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.									
	I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the									
	date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows:									
	application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:									
Insert Priority	Prior Foreign Applica					Priority (Claimed			
Information:	2003-113778	JAPAN		April 18, 2003		\boxtimes				
(if appropriate)	(Number)	(Country		(Month/Day/Yea		Yes	No			
				-						
	(Number)	(Country))	(Month/Day/Yea	ar Filed)	Yes	No			
	(Number)	(Country	<u> </u>	(Month/Day/Yea	ar Filed)	☐ Yes	□ No			
	(1 vaniber)	· (Coming)		(Monal, Day, 1et	- 1 neu)					
	(Number)	(Country)		(Month/Day/Year Filed)		Yes	No			
	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.									
insert Provisional										
Application(s): (if any)	(Application Number)			(Filing Date)						
	(Application Number)			(Filing Date)						
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:									
	Country		Application Number	Dat	e of Filing (Month	/Day/Year)				
Insert Requested Information: (if appropriate)										
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.									
Insert Prior U.S.										
Application(s): (if any)	(Application Number)		(Filing Date) (Status - patented, pending, abandoned)			ed)				
Page 1 of 2 (Rev. 07/2003)	(Application Number)		(Filing Date)	(Sta	Status - patented, pending, abandoned)					

Attorney Docket No.

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys of agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 02292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor: Insert Name of	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
Inventor → Insert Date This Document is Signed	Masaji HIROTA	Masaji Hivota		July 25,2005					
Insert Residence	Residence (City, State & Country)		CITIZENSHIP	,					
Insert Citizenship →	Niihama-shi, Ehime, JAPAN	Japanese							
Insert Post Office Address -	MAILING ADDRESS (Complete Street Address including City, State & Country)								
	20-1, Hoshigoe-cho, Niihama-shi, Ehime, JAPAN								
Full Name of Second Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
see above	Koji HAGIYA	posi Stagina		July 20, 2005					
	Residence (City, State & Country)		CITIZENSHIP						
	Ibaraki-shi, Osaka, JAPAN		Japanese						
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
	5-4-405, Gakuen-cho, Ibaraki-shi, Osaka, JAPAN								
Full Name of Third Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
	Residence (City, State & Country)		CITIZENSHIF	•					
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
Full Name of Fourth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
	Residence (City, State & Country)		CITIZENSHIF	•					
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
Full Name of Fifth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
see above									
	Residence (City, State & Country)		CITIZENSHIF						
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
Full Name of Sixth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
	Residence (City, State & Country)	CITIZENSHIP							
	MAILING ADDRESS (Complete Street Address including City, State & Country)								